

# PATENT ABSTRACTS OF JAPAN

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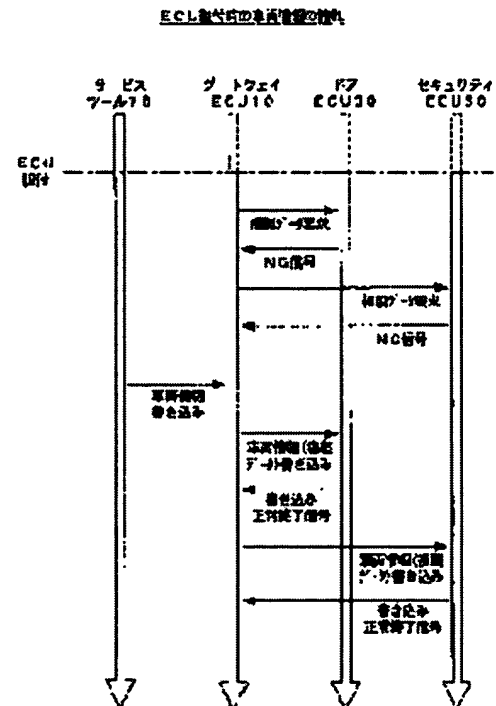
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(54) ELECTRONIC CONTROL SYSTEM FOR VEHICLE, ELECTRONIC CONTROL UNIT, AND VEHICLE INFORMATION WRITING METHOD

(57)Abstract:

**PROBLEM TO BE SOLVED:** To reduce the number of items of a replacement electronic control unit and man-hours for replacement in replacement of an electronic control unit storing vehicle information and to improve reliability of the vehicle information stored in the exchanged electronic control unit.

**SOLUTION:** When the vehicle information is written in a gateway ECU from a service tool on the outside during installation to the vehicle, the gateway ECU transmits the written vehicle information to other ECU (a door ECU and a security ECU), and each of the other ECU stores the transmitted vehicle information as copy data. In replacement with a new gateway ECU, the new gateway ECU demands the copy data from other ECU. The other ECU receiving the demand transmits the copy data to the gateway ECU, and when the gateway ECU receives and stores them, the new gateway ECU stores the vehicle information equal to those in the replaced old one.



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